

Advances In Prosthodontics™

New Findings & Best Practices for Cosmetic & Restorative Dentistry

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Do You Have a Patient with Periodontal Disease?



Here's the story of a patient who was referred from another dental professional...

If you have a patient with several missing, broken or severely worn teeth — or periodontal disease — they may be a candidate for oral rehabilitation with the assistance of an advanced Prosthodontist.

Read more on the next page...

◆ Do you want another opinion on a complex case? Or to meet and share ideas?

There are many ways we can help each other by working together on complex cases and by sharing knowledge and experience.

With your reputation for quality dental care, and my experience with restorative treatments, we can work together on advanced cases and both benefit!

If you'd like to meet to discuss a treatment, or talk on the phone about how we can help each other, please call or email me with specific days and times when you're available to talk or meet.

CASE SUMMARY: Implant Overdentures

Dr. Bryan Jacobs, Prosthodontist

Patient “William” was referred by his general dentist for a denture/implant consultation. He had been diagnosed with severe, generalized chronic periodontal disease. After confirming that existing teeth had poor prognosis, I reviewed all full mouth removable and fixed prosthetic options. William opted for maxillary and mandibular implant overdentures.

As a prosthodontist, I have experience with complex cases and coordinating with a patient’s general dentist and other dental specialists to achieve the best in function and esthetics for patients. Due to the severity of William’s periodontal disease, treatment was staged as follows:

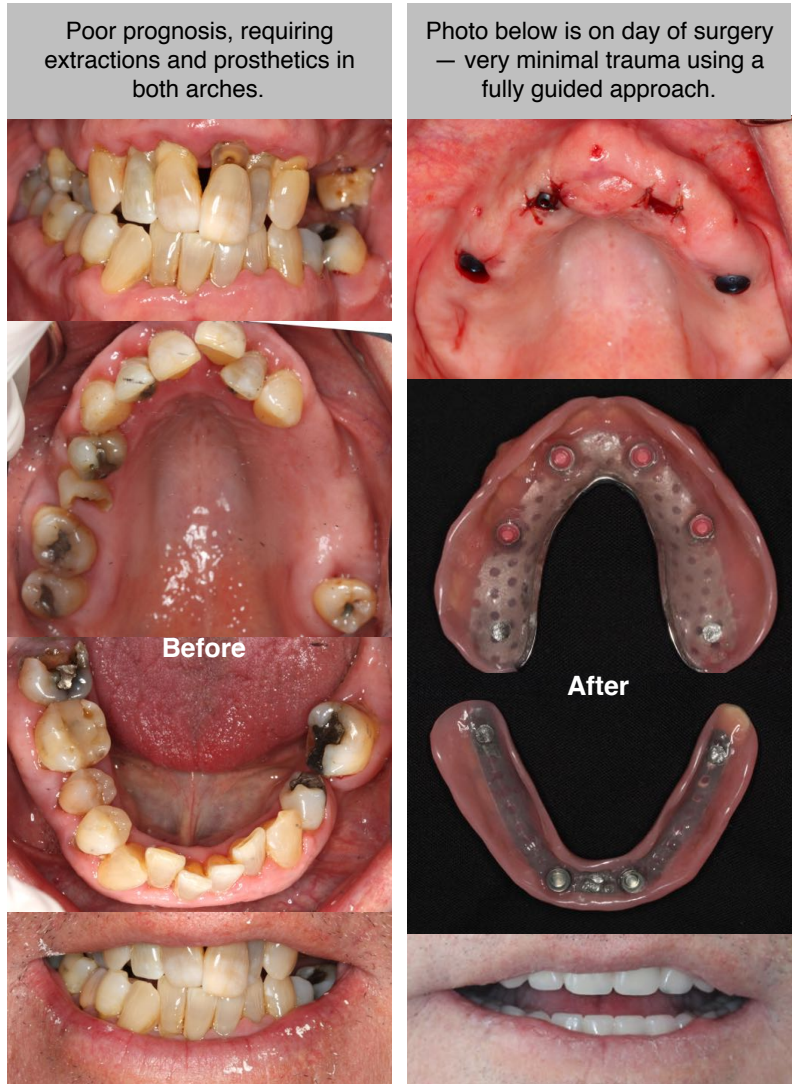
- **Stage 1** — Extractions and immediate dentures.
- **Stage 2** — Implant placement (4 maxillary, 2 mandibular) occurred after healing using fully guided surgery (allowing a flapless, comfortable approach).
- **Stage 3** — A second set of metal-reinforced implant overdentures were fabricated on locator abutments.
- **Stage 4** — The immediate dentures were also converted to overdentures (as backup prosthetics, should William ever lose or break his teeth).

This case was challenging due to William’s strong occlusion. Once the immediate dentures were converted to interim overdentures, he began to break anterior denture teeth. This called for a re-consideration of the occlusal scheme and amount of anterior vertical and horizontal overlap. A new occlusal scheme was provided in the final prosthetics, functioning without issue. Metal reinforcement was also used in both arches.

Properly relining/convertng immediate prostheses to overdentures allows for a great backup set. Patients really value this, so I always mention it when applicable during their treatment conference when discussing options.

I gave William my full warranty and sent him back to the referring office for long-term care. I give all referred patients a warranty and refer them back to the general dentist for regular hygiene unless advised otherwise by the referring office, depending on the patient and treatment. If you have comments or questions about how I treated William from this example, please email me at:

bryanjacobs@dentalprofessionals.com



◆ Do you have a patient in William’s situation? Or another complex case?

If you have a question about a case and want another opinion, give my office a call. Or, if there’s a case that you want to work together on, please fill out and send in the enclosed referral form.

My office and I will take great care of your patient and keep you informed. Dental professionals refer to me as **The Complex Case Specialist™** because I perform complex cases every day.

Quickly Get the Latest Research On Procedures & Materials For Better Outcomes...

A longitudinal study of the survival of All-on-4 implants in the mandible with up to 10 years of follow-up

Malo P, de Araújo Nobre M, Lopes A, Moss SM, Molina GJ, J Am Dent Assoc. 2011 Mar;142(3):310-20

Background

Immediate-function implants have become an accepted alternative for fixed restoration protocols in edentulous mandibles on the basis of documented high success rates. The All-on-4 concept (Nobel Biocare, Göteborg, Sweden), a surgical and prosthetic protocol for immediate function involving the use of four implants to support a fixed prosthesis in patients with completely edentulous mandibles, represents one of these protocols. The authors conducted a study to document long-term follow-up of the All-on-4 concept.

Methods

This longitudinal study included 245 patients with a total of 980 immediate-function implants (four per patient), all placed in the anterior region, to support fixed full-arch mandibular prostheses. The inclusion criterion was having an edentulous mandible, or a mandible with hopeless teeth, in need of fixed implant restorations.

Results

A total of 21 implants failed in 13 patients, giving cumulative patient-related and implant-related success rates of 94.8 percent and 98.1 percent, respectively, at five years, and 93.8 percent and 94.8 percent, respectively, with up to 10 years of follow-up. The prostheses' survival rate was 99.2 percent with up to 10 years of follow up.

Conclusions

The results support the conclusion that use of the All-on-4 immediate-function implant concept in completely edentulous mandibles is viable in the long term.

Clinical Implications

High prosthesis survival rates can be achieved by the use of four implants to support a full-arch fixed prosthesis in the mandible.

Thoughts

You'll notice in the Case Summary, only 2 implants were used for William in the mandible to support a full arch prosthesis. I did this because he elected to have removable overdentures due to financial and hygiene considerations. It is important to note that his case was planned with a "future upgrade" in mind. Maxillary and mandibular implant placement—both their position along the arch and their depth would allow for the addition of 2 more mandibular implants (4 total) and a smooth transition to fixed implant prosthetics. Whenever possible, I try to provide future flexibility for patients in this way. To discuss more, email me directly at:

bryanjacobs@dentalprofessionals.com

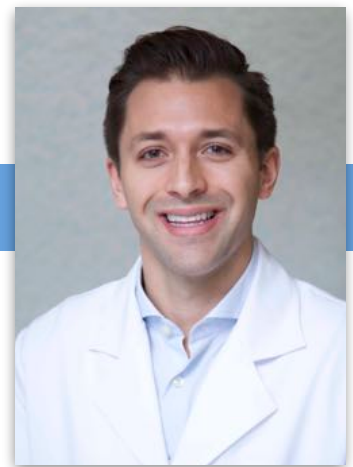
◆ How can a Certified Prosthodontist assist you and your dental team?

I specialize in the treatment of complex cases, usually involving several procedures over months of care. The next time you see a challenging case, please feel free to call me and we can discuss treatment planning or I can help you with any part of the treatment.

My goal is to be a resource for your office by helping manage difficult and time-consuming procedures, restoring the function and esthetics that the patient desires, then referring them back to your office for their ongoing care.

Dr. Bryan Jacobs

DMD, MS, Prosthodontist ♦ The Complex Case Specialist™



About Dr. Jacobs' specialization:

As a Prosthodontist, Dr. Bryan Jacobs specializes in fixed and removable prostheses, dental implants, and all phases of esthetic dentistry.

Dr. Jacobs' prosthodontic training and experience make treatments of complex cases more successful, including the following examples:

- Patients with ill-fitting dentures, severely worn or damaged teeth can receive a single dental implant or a full arch of natural-looking teeth.
- Patients who have suffered from traumatic injury, congenitally missing teeth, or a chronic condition can receive oral prostheses, which may be a combination of dental implants, crowns, bridges, or veneers.
- Patients with severe neglect of their oral health can receive a full reconstruction to restore function and esthetics.

Dr. Bryan Jacobs practices prosthodontics at Dental Professionals in Chicago and Skokie, working with GP's and other dental specialists to restore the smiles and confidence of patients facing a difficult diagnosis.

Personal Message To Fellow Dental Practitioners:

"As the referring dentist, you know your patient's mouth and have key insight into your patient's needs. I want to work with you to provide your patients with the best possible treatment outcomes. I will treat your patient in a manner that will reflect well on you and strengthen your relationship with your patient. I am here to make you look good! When your patient's care is completed, they are referred back to your office for their ongoing dental care. I am grateful for your collegueship and trust with your patients!"

Dr. Jacobs' has an easy online referral form at:
DentalProfessionals.com/referring-doctors

Protho Pledge

When your patient is referred:

- ✓ I will only treat what's been referred.
- ✓ I will send you updates.
- ✓ I will be part of your team, not take over your patients.

◆ Why other dental professionals work with a Certified Prosthodontist

Certified Prosthodontists are specialists in implant, esthetic, and reconstructive dentistry.

1. You have a patient requiring treatment outside your typical scope of practice.

Examples include patients with vertical dimension discrepancies, severely resorbed ridges, inadequate interarch space, severe bruxism, traumatic tooth loss, or congenital abnormalities.

2. You have a patient with complex needs that may drain your time.

If your patient may require treatment from several specialists, Certified Prosthodontists can help because they are trained to appropriately stage and manage complex treatment plans.

3. You have a demanding patient who wants perfect esthetics.

Examples include patients with a high smile line or needing a single tooth replacement in the esthetic zone. A Certified Prosthodontist is trained in selecting the best solutions for high-demand patients.

4. You have a question and want to discuss a case with a colleague to ease your mind.

A Certified Prosthodontist can be an excellent resource for you to ask questions because they are trained in many types of complicated treatments. For example, you may want to consult a Certified Prosthodontist for complex implant-supported restorations. They can work with you or complete the treatment for you to achieve the best in both function and esthetics.